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ATTORNEY DOCKET NO. APPLICATION NO. PTO-1449 REPRODUCED 10/660,102 302490.3000-100 INFORMATION DISCLOSURE CITATION IN AN APPLICATION APPLICANT 1/27/04 Mitchell J. Bellucci and Richard A. Smith (Use several sheets if necessary) **GROUP ART UNIT** FILING DATE 3763 September 10, 2003 U.S. PATENT DOCUMENTS EXAM -INER INI-CLASS SUB-FILING DATE IF DOCUMENT NUMBER DATE NAME APPROPRIATE TIAL RT Jun 29, 1999 Haswell 604 356 5,916,202 AA2 RT 317 Kuypers et al. 604 AB2 5,993,429 Nov 30, 1999 120 606 Webb 6.059,794 May 9, 2000 AC2 575 600 Aug 15, 2000 Coe AD2 6,102,871 356 604 AE2 6,179,819 B1 Jan 30, 2001 Haswell FOREIGN PATENT DOCUMENTS TRANSLATION YES NO SUB-CLASS COUNTRY CLASS DOCUMENT NUMBER DATE OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Loh, S.F. et al., "Umbilical Cord Blood Gas Analysis at Delivery," Singapore Medical Journal [online], RT April 1998 [retrieved on 2002-6-20]. Retrieved from the Internet <URL: ΑU http://www.sma.org.sg/smj/3904/articles/3904a1.html>. Rozto, A. et al., "The Contribution of Continual Fetal Oxygen Saturation (FSpO2) by Means of Intrapartum Fetal Pulse Oximetry (IFPO) to the Diagnosis of Acute Fetal Hypoxia," The Childbirth at the Individual Term with Use of the New Technology Conference [online], April 6, 2001 [retrieved on 2002-6-20]. Retrieved from the Internet <URL: http://www.cyf-kr.edu.pl/~mmklimek/rozt\_ref.html>. Rusch, Terry L. et al., "Blood Chemistry Measurement," The Measurement, Instrumentation and Sensors Handbook, Webster, J.G., et al., editor in chief, CRC Press, Boca Raton, FL, 1999 [retrieved on 2002-6-20] Retrieved from the Internet <URL: http://www.engnetbase.com >. Umbilicup.com [online] [retrieved on 2002-6-20]. Retrieved from the Internet <URL: http://www.umbilicup.com/, http://www.umbilicup.com/html/products.html, http://www.umbilicup.com/html/umbilicup3.html, http://www.umbilicup.com/html/umbilicup2.html, http://www.umbilicup.com/html/umbilicupII1.html, http://www.umbilicup.com/html/umbilicupII2.html, http://www.umbilicup.com/html/tests.html, http://www.umbilicup.com/html/aboutus.html, and http://www.umbilicup.com/html/iinfo.html>. Cord Blood Collection System [online] [retrieved on 2002-6-20]. Retrieved from the Internet <URL: http://www.amlabsinc.com/questions.html, http://www.amlabsinc.com/easy.html, and http://www.amlabsinc.com/solution.html>. DATE CONSIDERED EXAMINER /Rene Towa/ (08/26/2006)

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RT	AF2	6,190,368 B1	Feb 20, 2001	Kuypers et al.	604	317					
	AG2	6,254,575 B1	Jul 3, 2001	Thorne, Jr. et al.	604	198					
	AH2	6,302,854 B1	Oct 16, 2001	Paderni ·	600	573					
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RT	AZ	Ron Stoker, ISIPS – International Sharps Injury Prevention Society Press Release [online] April 24, 2002 [retrieved 2002-6-20]. Retrieved from the Internet <url: http:="" news.php?recent="PR" www.isips.org="">.</url:>									
	AR2	Intrapartum Continuous Monitors for Fetal Oxygen Saturation and Fetal pH, Submission Guidance for a PMA [online], Draft released 6/14/97 [retrieved 2002-6-20]. Retrieved from the Internet <url: cdrh="" http:="" ode.fetal.html="" www.fda.gov="">.</url:>									
	AS2	US FDA Approval Order and supporting material, including Information for Prescribers, for the Nellcor OxiFirst™ Fetal Oxygen Saturation Monitor, May 12, 2000.									
$\Psi$	AT2	US FDA Approval Order and supporting material, including Information for Prescribers, for the Corometrics Model 120 F-series Maternal/Fetal Monitor, February 9, 2001.									
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